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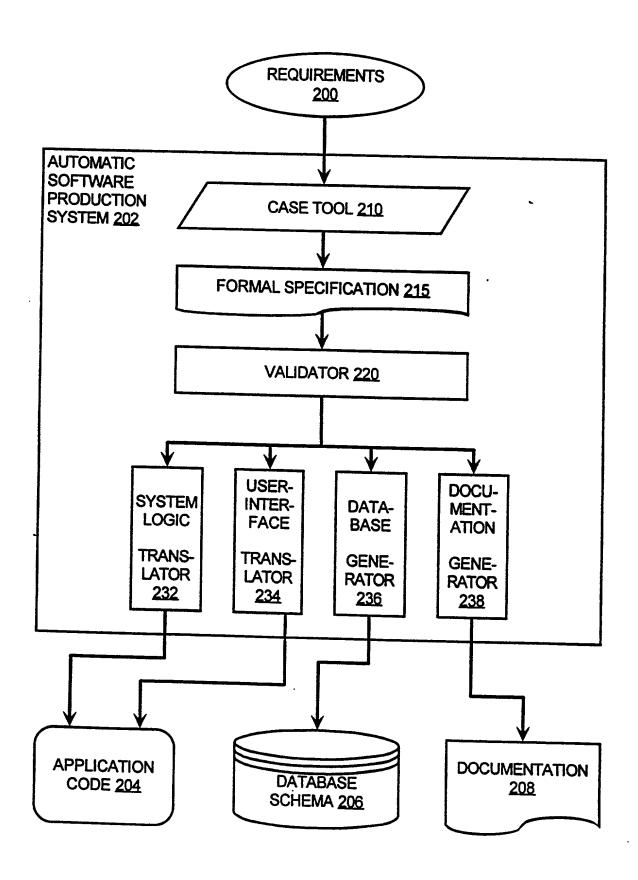


FIG. 2

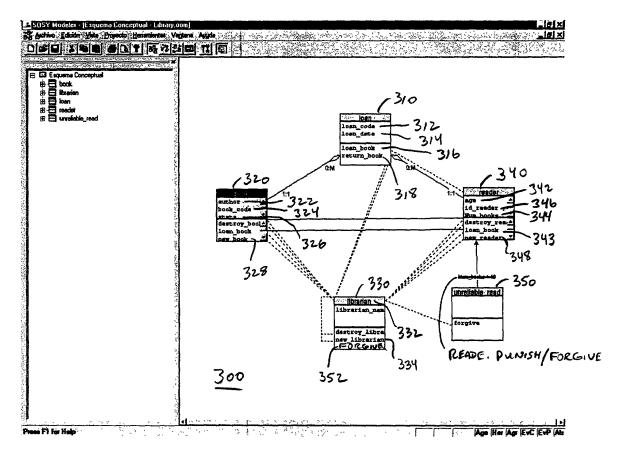
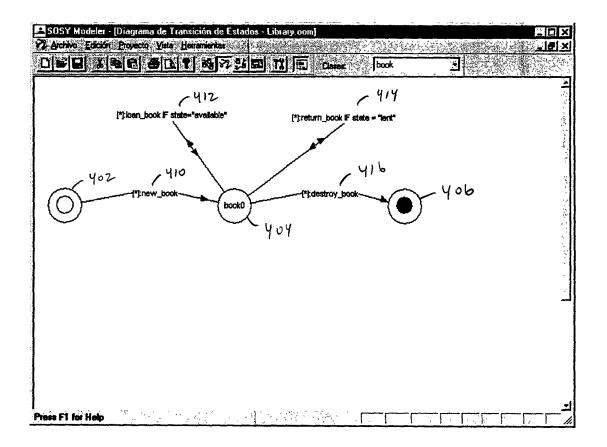
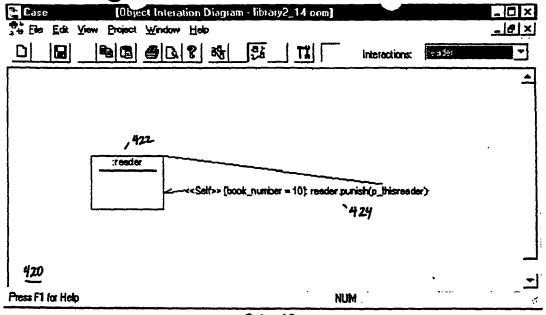


FIG. 3



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## FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES OF SYSTEM LOGIC TRANSLATORS WILL PERFORM

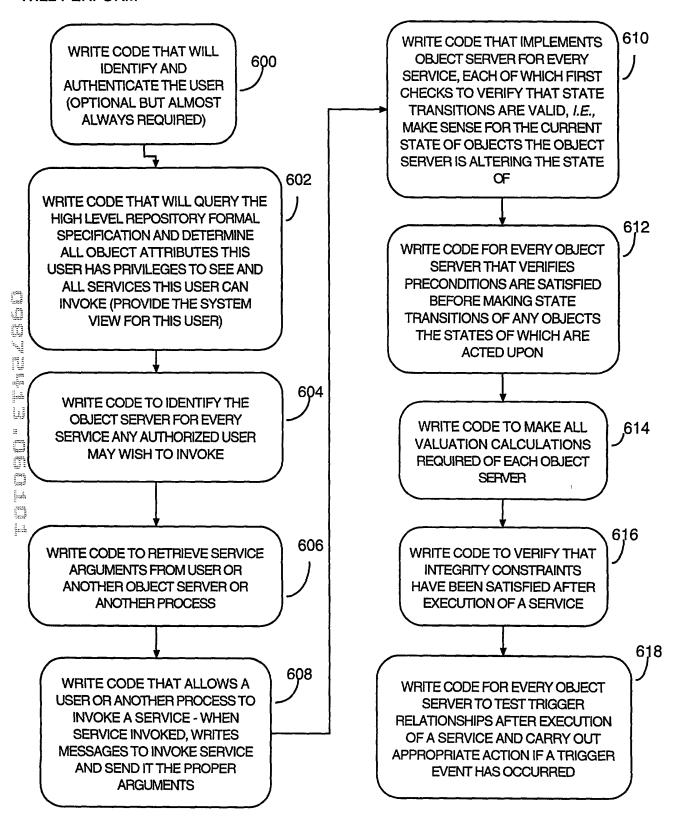
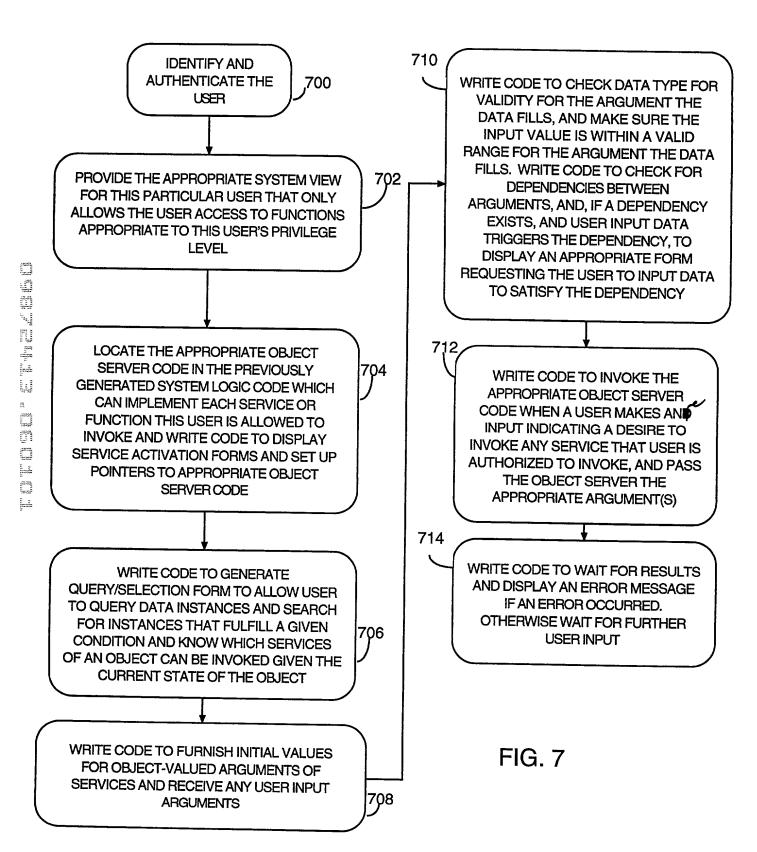
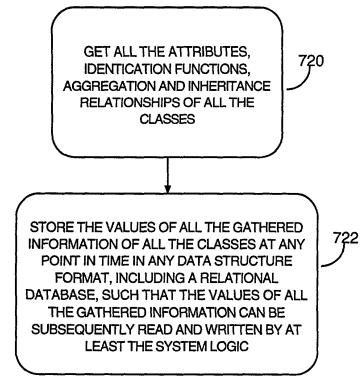
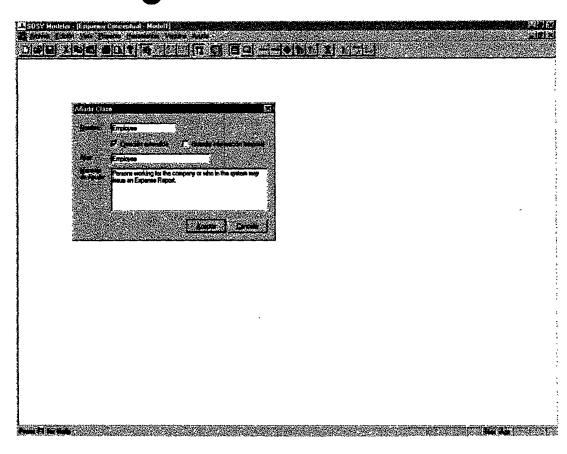


FIG. 6



## FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE DATABASE GENERATOR TRANSLATOR SUBGENUS WILL PERFORM





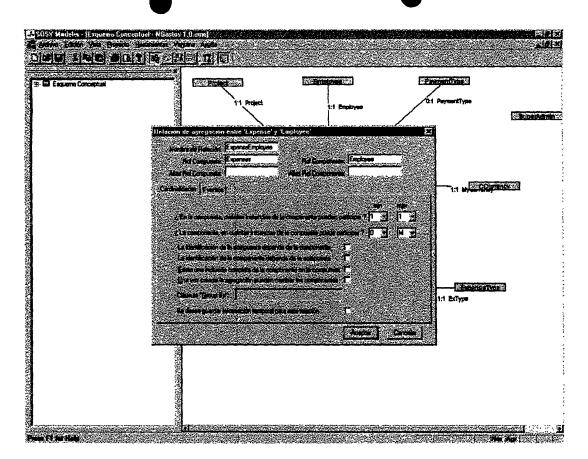
class creation dialog

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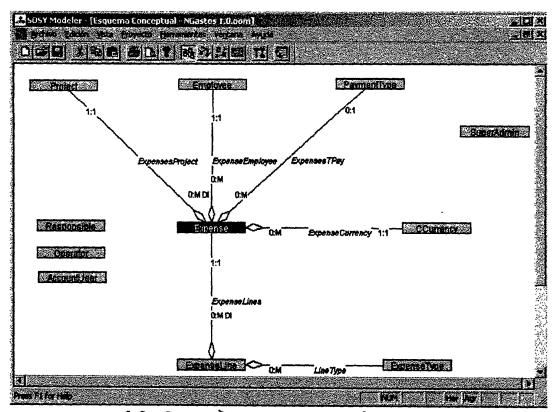
DIALOG SHOWING ALL CLASSES NEEDED & CREATED IN EXPENSE MANAGEMENT SYSTEM

FIG. 98



dialog to create and modify relationships between classes

## figure shows relationships found with all their properties indicated.



GRAPHIC DIALOG TO CREATE
RELATIONSHIPS BETWEEN CLASSES
AND GRAPHICALLY SHOW THE
RELATIONSHIPS SO CREATED

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SERVICES OF CLASS "EXPENSE"
FIG. 12

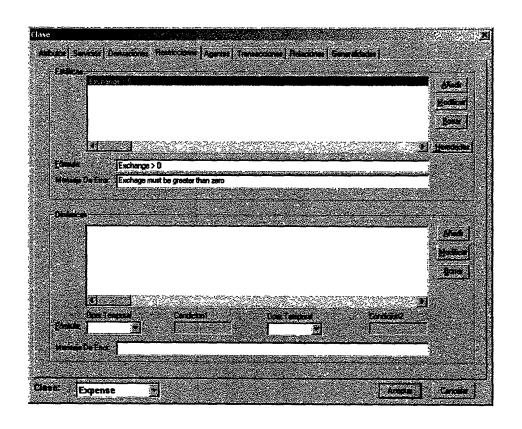
## Next figure shows the formula for the "DELETEALL" transaction:

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DIALOG TO DEFINE FORMULA FOR "DELETEALL"

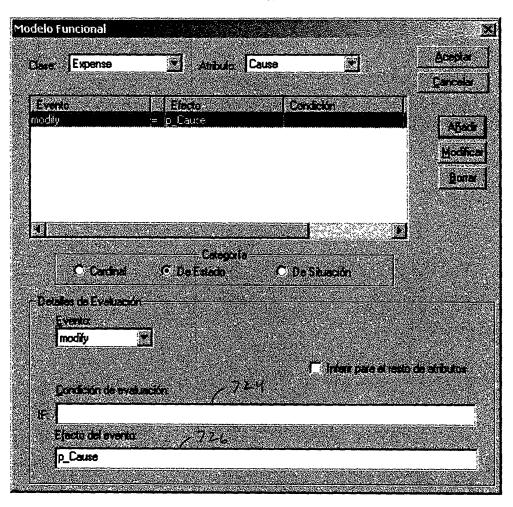
TRANSACTION

FIG. 13



INTEGRITY CONSTITAINTS OF EXPENSE CLASS

The value of the attribute "Cause" will be loaded with the value of the argument "p\_Cause" of the event "modify" when "modify" was executed.



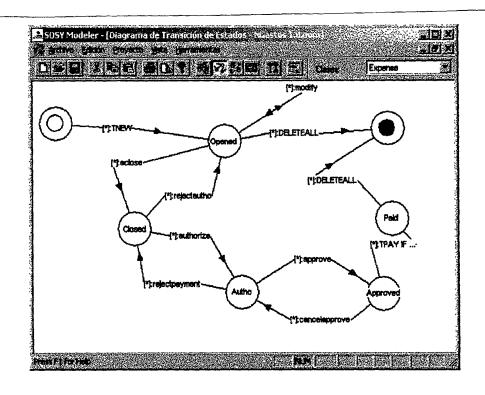
DIALOG BOX TO CREATE EVALUATION OF

"CAUSE" ATTRIBUTE WITH THE
"MODIFY" EVENT TO FORM PART OF
FUNCTIONAL MODEL

FIG. 15

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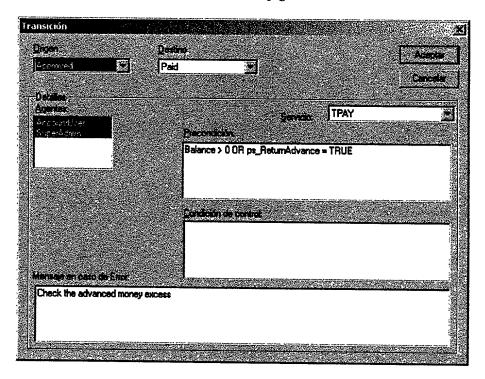
AGENT RELATIONSHIP DIALOG THAT CAN BE USED TO SET WHICH SERVICES "ACCOMNTUSE" CAN ACCESS AND VISIBILITY OF CLASS ATTRIBUTES FOR THIS USER



STATE TRANSITION DIAGRAM FOR LLASS "EXPENSE"

FIG. 17

According to last paragraph of Procedure, if the Advances are greater than total expenses, the system must force the confirmation of the account user. It is expressed as a precondition in the "TPAY" transaction. Next figure shows it.



DIALOG BOX TO MUDEL PRECONDITION

FIG. 18

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DIALOG BOX USED BY SOSY MODELER

TO ESTABLISH A SET OF ATTRIBUTES

TO BE DISPLAYED FOR THE "EXPENSE" CLASS

FIG. 19

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DIALOG BOX USED BY SOSY MODELER
TO ESTABLISH THE SEARCHING CRITERIA
FOR THE EXPENSE CLASS AND TO ESTABLISH
THE FILTER FORMULA AND THE VARIABLES
TO REQUEST THE USER TO ENTER

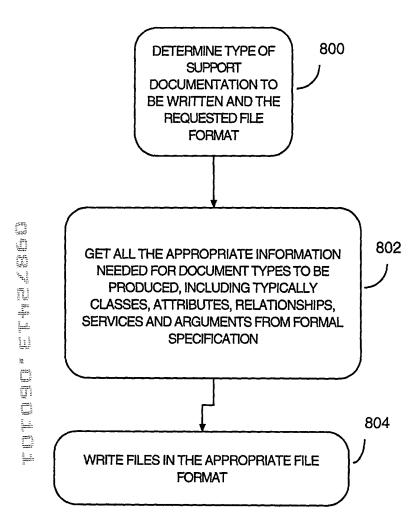


FIG. 21